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PENDING CLAIMS AS AMENDED

1. (Currently Amended) A communication receiver, comprising
~~a receiver portion for down converting a received signal to base band frequency;~~
a low pass filter ~~for filtering that filters a said~~ base band frequency signal to produce on-channel received samples ~~by removing out-of-channel signals from the baseband signal;~~ and
a processor ~~that processes for processing~~ said base band signal frequency to produce out-of-channel received samples.
2. (Currently Amended) The receiver as recited in claim 1, further comprising:
a receiver back-end portion that:
processes for processing said on-channel and out-of-channel received samples essentially at the same time to decode said on-channel received samples, and
determines for determining at least one of a link quality and global positioning system originated information of said out-of-channel received samples.
3. (Currently Amended) The receiver as recited in claim 1, further comprising wherein said receiver portion for down converting includes:
~~an oscillator for producing a frequency source that generate;~~ a first signal at essentially the same frequency as an on-channel frequency; and
a multiplier ~~for down converting said~~ that mixes an amplified, received signal and the first signal to produce the ~~to base band signal frequency by multiplying said received signal to said local oscillator produced signal.~~
4. (Currently Amended) The receiver as recited in claim 1, further comprising wherein said receiver portion for down converting includes:
a low noise amplifier that amplifies a ~~for amplifying said received signal for processing in said receiver comprising an on-channel signal and out-of-channel signals.~~

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5. (Previously Presented) The receiver as recited in claim 2, wherein said receiver back-end portion includes:

a number of fingers and a searcher for processing said on-channel and out-of-channel received samples.

Claims 6-20 (Cancelled).

Please add the following new claims:

21. (New) A communications receiver, comprising:

means for receiving a first signal comprising an on-channel signal and out-of-channel signals;

means for mixing the first signal with a second signal at essentially the same frequency as an on-channel frequency to produce a base band signal;

means for filtering said base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; and

means for processing said base band signal to produce out-of-channel received samples.

22. (New) A communication receiver, comprising:

a low noise amplifier that amplifies a received signal comprising an on-channel signal and out-of-channel signals;

a frequency source that generates a first signal at essentially the same frequency as an on-channel frequency;

a multiplier that mixes the amplified, received signal and the first signal to produce a base band signal;

a low pass filter that filters said base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; and

a processor that processes said base band signal to produce out-of-channel received samples that can be used to search for pilots of candidate frequencies.

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23. (New) A communication method, comprising:

- receiving a first signal comprising an on-channel signal and out-of-channel signals;
- mixing the first signal with a second signal at essentially the same frequency as an on-channel frequency to produce a base band signal;
- filtering said base band signal to produce on-channel received samples by removing out-of-channel signals from the base band signal; and
- processing said base band signal to produce out-of-channel received samples, wherein the out-of-channel received samples include pilot information for possible candidate frequencies that can be used to search for pilots of candidate frequencies.

24. (New) A communication receiver, comprising:

- means for filtering a base band signal to produce on-channel received samples by removing out-of-channel signals from the base band signal; and
- means for processing said base band signal to produce out-of-channel received samples that can be used to search for pilots of candidate frequencies.

25. (New) The receiver as recited in claim 24, further comprising:

- means for processing the on-channel and out-of-channel received samples essentially at the same time to decode said on-channel received samples, and that determining at least one of a link quality and global positioning system originated information of said out-of-channel received samples.

26. (New) The receiver as recited in claim 24, further comprising:

- means for generating a first signal at essentially the same frequency as an on-channel frequency; and
- means for mixing the amplified, received signal and the first signal to produce a base band signal.

27. (New) The receiver as recited in claim 24, further comprising:

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means for amplifying a received signal comprising an on-channel signal and out-of-channel signals.

28. (New) The receiver as recited in claim 25, wherein the means for processing comprises:
a plurality of fingers; and
a searcher for processing said on-channel and out-of-channel received samples.

29. (New) A method, comprising:
amplifying a received signal comprising an on-channel signal and out-of-channel signals;
generating a first signal at essentially the same frequency as a on-channel frequency;
mixing the amplified, received signal and the first signal to produce a base band signal;
filtering the base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; and
processing said base band signal to produce out-of-channel received samples.

30. (New) The method as recited in claim 29, further comprising:
wherein filtering and processing takes place at essentially at the same time.

31. (New) The method as recited in claim 29, further comprising:
determining at least one of a link quality and global positioning system originated information based on said out-of-channel received samples.

32. (New) The method as recited in claim 29, wherein the out-of-channel received samples include pilot information for possible candidate frequencies that can be used to search for pilots of candidate frequencies.